

REMARKS

Reconsideration of the above-identified application as amended respectfully is solicited on behalf of the Applicant.

With the instant response, 8 claims have been amended and 2 claims have been cancelled in order to materially advance the status of the present prosecution.

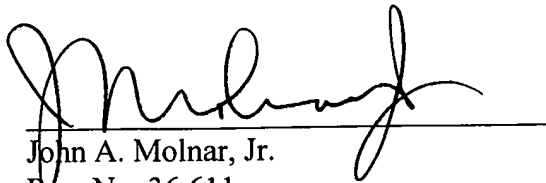
Claims 1-5, 7- 10 and 13 now stand rejected under the first paragraph of 35 U.S.C. §112 for failure to comply with the written description requirement.

As amended, independent claims 1 and 9 now both recite a thermally-conductive material which comprises a mixture of a resin having a melting temperature of from about 90-100°C, a resin or wax having a melting temperature of from about 50-60°C, and at least one thermally-conductive filler.

Support for the amendment may be found in the specification wherein a representative embodiment is disclosed which is based on a mixture of a resin, namely a PSA component, and an α -olefinic thermoplastic component such as Vybar® 260. [See Example, Sample Nos. 3-1, 2, 3, 7, 8, and 10]. Although not termed a "wax" in the specification, α -olefinic thermoplastics such as Vybar® 260 are generally considered to be waxes and are referred to as such in the following-issued U.S. Patent Nos. 4,217,320 [See col. 2, ll. 59-68]; 4,515,740 [See col. 7, ll. 58-63]; 5,994,020 [See col. 13, ll. 47-63]; and 6,080,800 [See col. 7, ll. 29]. Further support may be found in the specification wherein it is taught that the phase transition temperature of the material can be adjusted by varying the ratio of the low and high melt components. [See Bunyan *et al.*, U.S. Patent No. 6,054,198, at col. 8, l. 66 bridging col. 9, l. 7].

In view of the foregoing amendments and remarks, wherein the claim program as amended is believed to properly define the claimed invention, the issuance of a Notice of Allowance is earnestly solicited.

Respectfully submitted,



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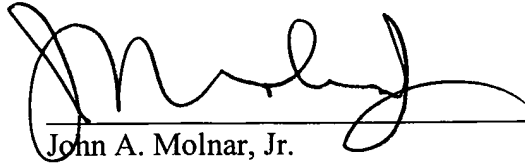
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Reply to Office action of March 17, 2005



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited on September 16, 2005, with the United Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



John A. Molnar, Jr.